

14 February 1964

EXHIBIT E

SPARE PARTS PROVISIONING

PART I. GENERAL PROVISIONS

1. Purpose

The purpose of this document is to prescribe the procedures, terms and conditions governing the quantitative determination of the spares and AGE spares required to support the article on contract.

2. General

a. To the extent that equipment is available to the Contractor, all documentation required may be furnished by EAM methods.

b. The prime Contractor shall include the requirements of this document as applicable on all contracts with subcontractors or vendors for system and/or equipments requiring spares.

PART II. SPARES PROVISIONING LIST

1. Initial Submission

As soon as possible after the item design is frozen, but not later than 30 days thereafter, the Contractor shall furnish the Air Force with a Spares Provisioning List in the format attached. This list shall contain all spares, common and peculiar, which during the DT&E phase were:

a. Fabricated or procured

b. Recommended and approved as GFP

c. Any new items determined to be required in Cat III testing and/or operational phase.

This list will be covered by drawings or other descriptive data for all peculiar items, and for any common item(s) recommended for modification or adaption. The drawing and data shall be made available to the Project Support Office upon request.

2. Revisions to the Spares Provisioning List

After the initial submission of the Spares Provisioning List, the Contractor shall update the list as required.

3. Distribution

Spares Provisioning Lists shall be submitted as follows:

- a. One multilith master to the Project Support Office.
- b. One copy to the SPO.

4. Expedite Submission

When in the opinion of the contractor, delay in design development and fabrication of any long lead time item(s) would result in delinquency delivery of other items, he shall so notify the SPO and the Project Support Office. Upon receipt of such notification from the contractor, the Air Force shall officially approve or disapprove the Spares Provisioning List.

PART III PROCUREMENT NOTIFICATION

After review and adjustment of the Spares Provisioning List by the Air Force and the contractor at the initial Provisioning Conference convened by the Project Support Office, the PSO will prepare a Purchase Request for the approved items and quantities.

PART IV SPARES EXHIBIT

If the items, prices and quantities contained in the Spares Provisioning List are acceptable to the Air Force, the list shall be incorporated by supplemental agreement into the contract as the Spares Exhibit. If the Spares Provisioning List is not acceptable as submitted, prices and quantities shall be established by agreement of the parties.

PART V ADJUSTMENT IN FUNDS

1. If at any time the total estimated price of the spares selected for procurement exceeds the dollar amount administratively reserved for spares as known by the contractor, the contractor shall promptly notify the Contracting Officer in writing to that effect, setting forth the estimated amount of such excess.

2. Within ten (10) days after receipt of such notification, the procuring Contracting Officer shall advise the contractor either:

- a. that additional funds will be made available, or
- b. which items and quantities are to be deleted or reduced.

PART VI CODING

Codes applicable to source, maintenance, recoverability, and kits are listed in the attachment. These may be used in Block 13 of the Figure "A".

SYMBOL NO. PREFIX OR  
UNIT NOMENCLATURE :

## PROVISIONING LIST

ITEM OR SEQUENCE NUMBER 1	REFERENCE SYMBOL NO. (FOR ELECTRONICS ONLY) OPTIONAL FOR OTHER 2	ITEM NAME 3	PRIME CONTRACTORS PART NUMBER 4	QTY PER ASSY 5	QTY PER COMP 6	QTY PER ARTICLE 7	S H E L P 8	TOTAL RECM/ ORDERED 9	UNIT PRICE 11 DOLLARS CENT	EXTENDED UNIT PRICE 12 DOLLARS CENT	REMARKS
13	STOCK NUMBER 14	ITEM AND LOT NO. 15	FEDERAL MFR CODE 16	17 MANUFACTURERS PART NUMBER	RECM MAINT QTY/ FACTOR 18	RECM OVHL QTY/ FACTOR 19	USABLE ON CODE 20	OPTIONAL 21	SPARES ALLOCATIONS 22		
XXXXXX XXXXXX	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX XXXX XXXX X X X X	XXXXXXXXXXXXXXXXXX XXXX XXXX X X X X	XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX	X4XX X4XX	X4XX X4XX	X4XX X4XX	X5X XXXXXX	XXXX1XXXXX XXXXXXXXXXXXXXXXXXXX	XXXXX1XXXXXX XXXXXXXXXXXXXXXXXXXX	

(CONTRACTOR WILL INSERT APPLICABLE DATA IN NUMBERED BLOCKS AS INDICATED BELOW).

PRODUCTION LISTS 1, 3(AS REQ'D), 4, 5(AS APPL), 6, 7(AS REQ'D), 8, 9, 10, 11, 12, 13 & 14(IF AVAIL), 16, 17(AS APPL), 18, 19, 20, 21 & 22(AS REQ'D).

BREAKDOWN FOR RECOVERABLE ITEMS 1\*, 2, 3(AS REQ'D), 4, 5(AS APPL), 6, 7(AS REQ'D), 8, 9\*, 10\*, 11\*, 12\*, 13 & 14\*(IF AVAIL), 16\*, 17(AS APPL), 18\*, 19\*, 20, 21\* & 22\*(AS REQ'D).

VENDOR ITEM LISTS 1, 3(AS REQ'D), 4, 5(AS APPL), 6, 7(AS REQ'D), 8, 9, 10, 11, 12, 13 & 14(IF AVAIL), 16, 17(AS APPL), 18, 19, 20, 21 & 22(AS REQ'D).

PRELIMINARY GROUP ASSEMBLY PARTS LIST 1\*, 2, 3(AS REQ'D), 4, 5(AS APPL), 6, 7(AS REQ'D), 8, 9\*, 10\*, 11\*, 12\*, 13 & 14\*(IF AVAIL), 16\*, 17(AS APPL), 18\*, 19\*, 20, 21\* & 22\*(AS REQ'D).

BULK ITEMS LIST 1\*, 4, 5(AS APPL), 8, 9, 10\*, 11\*, 12\*, 14\*(IF AVAIL), 16\*, 17(AS APPL), 18\*, 19\*, 21\* & 22\*(AS REQ'D).

SUMMARY LISTING 1, 3(AS REQ'D), 4, 5(AS APPL), 6, 7(AS REQ'D), 8, 9, 10, 11, 12, 13, 14(IF AVAIL), 16, 17(AS APPL), 18, 19, 20, 21 & 22(AS REQ'D).

PRICED SPARE PARTS LIST 1, 4, 5(AS APPL), 8, 9, 10, 11, 12, 14(IF AVAIL), 16, 17(AS APPL), 20, 21 & 22(AS REQ'D).

100% NUMERICAL PARTS LIST 1\*, 4, 5(AS APPL), 8, 10\*, 13\*, 14\*, 17(AS APPL), 21\*(AS REQ'D), 22\*(AS REQ'D).

NOTE: (\*) THESE ELEMENTS OF INFORMATION WILL BE FURNISHED FOR ONLY THOSE ITEMS PROCURED AND ITEMS RECOMMENDED FOR PROCUREMENT.

CONTRACT NUMBER	NOMENCLATURE	MODEL/TYPE NO.
CONTRACTOR	DATE OF LIST	REVISION
		PAGE OF

FIGURE "A"

PRE-IDENTIFICATION AND PRE-SELECTION PROCEDURES

1. Item Numbers:

a. Item numbers shall be assigned by the Contractor in consecutive numerical sequence to each item of spare parts released or recommended for procurement the first time the item is submitted by the Contractor. In the event it is necessary, as a result of additional application, for example, to resubmit an item, which has previously been submitted, the Contractor shall use the item number originally assigned the item and will reference the part first submitted. Under no circumstances will the same item number be reassigned to another spare part furnished under the contract.

2. Parts to be Listed:

a. The Provisioning Parts Breakdown shall list in breakdown order all installations, assemblies and parts which can be disassembled, reassembled or replaced. Items such as resistors, electron tubes, capacitors, sealed units or items which lose their identity by being welded or fabricated into a permanent unit, need not be broken down into details.

3. Repair Kits:

a. Maintenance and overhaul spare parts shall be selected according to the following criteria and made up into kits.

(1) Those parts which normally must be removed at the time of overhaul or repair, whose unit price is \$1.00 or less (Example: Screws, nuts, washers, gaskets, spring, etc.), will be assembled in kit form. Three repair kits shall be designed by the Contractor to serve the following separate purposes:

a. Overhaul Kit (D) - This kit shall provide a majority of spare parts utilized at time of complete disassembly and overhaul.

b. Cure Dated Kit (C) - This kit shall provide rubber goods to be replaced at the cure dated expiration and at time of overhaul and repair. This kit may contain miscellaneous screws and bolts if they are required at time of replacement of cure dated items. However, when such items are placed in the cure dated kit they will not be duplicated in the overhaul or field maintenance kit.

c. Field Maintenance Repair Kit (F) - This kit shall provide items that can be replaced at a field repair shop. These parts normally do not require special tools and test equipment for their use.

Attachment #1 to Figure "A"

INSTRUCTION FOR PREPARATION OF PROVISIONING LISTS

1. Instructions:

a. The Contractor will insert the appropriate title of the list in the upper center of the format and will complete the data on the two lines at the bottom. The following instructions apply to the data on the two lines at the bottom of the format.

Contract No.	-	Self Explanatory.
Nomenclature	-	Insert Name of equipment being provisioned.
Model/Type No.	-	Self Explanatory.
Date of List	-	Insert date of preparation.
Revision	-	Used only for revisions after initial preparation. Revisions should be lettered serially starting with the letter "A".
Page of Page	-	Self Explanatory.

b. Detailed instruction for preparation of format:

(1) Block No. 1 of Line 1, "Item or Sequence No.". This block is used for a sequential line item control, comencing with the first line item on the first page of the format, and continuing numerically to the last item on the last page of the format.

(2) Block No. 2, Line 1, "Indenture No.". A number inserted in this block indicates the relation of the line item to the system or end article, e.g.;

1      2      3      4      5      6      7

Complete Item, Main Group, or Main Assembly

Assembly  
..... \* .....

:    Attaching parts for assembly

.        Detail parts of assembly

.        .    Sub-assemblies

..... \* .....

.        .    Attaching parts for sub-assemblies

.        .        .    Detail parts for sub-assemblies

.        .        .    Substitute Sub-assemblies

..... \* .....

.        .        .    Attaching parts for substitute sub-assemblies

. . . . . Detail parts for substitute sub-assemblies

(3) Block No. 3, Line 1, "Reference Symbol No. (for Electronics Only), optional for other use". This block is reserved for reference symbol data in provisioning of all electronic equipment. When equipment other than electronic equipment is being provisioned, the use of this block is optional.

(4) Block No. 4, Line 1, "Item Name". An item name is contained in the Federal Cataloging Handbook H6-1, or the name assigned by the manufacturer when an applicable item name is not contained in the handbook, will be inserted in this column. The item name may be abbreviated as necessary.

(5) Block No. 5, Line 1, "Prime Contractors Part No.". This block is used for printing the "Prime Contractors Part No." only on the first appearance of an item on the List. (Part number not to exceed 13 digits).

(6) Block No. 6, Line 1, "Quantity Per Assembly". In this block the Contractor inserts a figure indicating the total number of times the line item is used in the assembly of which it is a part.

(7) Block No. 7, Line 1, "Quantity Per Component". In this block the Contractor inserts a figure indicating the total number of times the line item is used in the component of which it is a part.

(8) Block No. 8, Line 1, "Quantity Per End Item/Article". In this block the Contractor inserts a figure indicating the total number of times the line item is used in the complete equipment or end item/article.

(9) Block No. 17, Line 2, "Manufacturer Part No". The part, drawing or catalog number of the actual manufacturer who supplied the part is inserted in this block. (Vendor standard "Off the Shelf" item only).

(10) Block No. 18, Line 2, "Recommended Maintenance Quantity/Factor". The Contractor will insert in this block a quantity or a wear-out, replacement or failure factor applicable to maintenance of the item.

(11) Block No. 19, Line 2, "Recommended Overhaul Quantity/Factor". The Contractor will insert in this block a quantity or a wear-out, replacement factor, applicable to overhaul of this item.

(12) Block No. 20, Line 2, "Usable on Code". The Contractor will indicate the specific usability of an item by serial, type, model, or number of articles by assigning this code.

(13) Block No. 21, Line 2, "Optional". This space is for optional use. For example, this block might be used for inter-changeability and replaceability codes, cross referencing information, etc.

(14) Block No. 22, Line 2, "Spares Allocations". This block is to be used for spares allocation purposes. Examples of spares allocation items are as follows:

Test Site Spares

Depot Spares

Maintenance Spares Recommend/Released (Field)

Overhaul Spares Recommend/Released (Plant)

Equipment Spares

Allowance or Table Quantity

NOTE: In addition to the above this block may reflect unit of issue or unit pack since these elements are important factors in determining spares allocations.

2. Flyaway Kits:

Flyaway kit items will be discussed at the initial provisioning conference. These items constitute an air transportable package of specified minimum spare parts, supplies or components required to support a particular piece of equipment or aircraft for a 30 day period of operation away from the home station.

CODES

1. SOURCE CODES:

P - PROCURABLE ITEM - SIMPLE TO MANUFACTURE - KNOWN OR ANTICIPATED USAGE  
P1 - PROCURABLE ITEM - DIFFICULT TO MANUFACTURE - KNOWN OR ANTICIPATED USAGE  
P2 - PROCURABLE ITEM - DIFFICULT TO MANUFACTURE - LITTLE USAGE ANTICIPATED  
INSURANCE ITEM  
P3 - PROCURABLE ITEM - DETAIL ITEM OR COMPONENT PART DETERIORATIVE IN NATURE -  
KNOWN OR ANTICIPATED USAGE  
P4 - PROCURABLE ITEM FOR INITIAL OUTFITTING OR SPECIFIC CONTROL - REPLACE BY  
SALVAGE OR MANUFACTURE  
MF - LOCAL MANUFACTURE BY FIELD MAINTENANCE ACTIVITIES  
MO - LOCAL MANUFACTURE BY OVERHAUL ACTIVITIES  
AF - NON-PROCURABLE ITEM TO BE ASSEMBLED FROM COMPONENTS IN CLASS "C" TO "F"  
MAINTENANCE ACTIVITY  
AO - NON-PROCURABLE ITEM TO BE ASSEMBLED FROM COMPONENTS BY FACTORY  
N - PURCHASE ON DEMAND - NOT STOCKED IN SUPPLY SYSTEM - READILY AVAILABLE  
FROM COMMERCIAL SOURCE  
X - UNECONOMICAL TO REPAIR - MAIN STRUCTURAL MEMBER - REPAIR OR RETIRE  
FROM SERVICE  
X1 - PROCURE NEXT LARGER ASSEMBLY CODED IN THE P SERIES  
X2 - OBTAIN THROUGH SALVAGE OR ONE (1) TIME PURCHASE  
U - APPLIES TO INFORMATION DRAWINGS - NOT OF SUPPLY OR MAINTENANCE  
STOCKING SIGNIFICANCE

2. MAINTENANCE CODES:

O - FIELD  
F - FACTORY

3. RECOVERABILITY CODES:

X - EXPEND OR REPAIR AT FIELD LEVEL  
R - RETURN FOR REPAIR AT FACTORY OVERHAUL

4. PARTS KITS - SOURCE CODE:

C KIT - CURE-DATED COMPONENTS (DETERIORATION)  
D KIT - OVERHAUL KIT  
F KIT - FIELD KIT  
KC - COMPONENT OF C-KIT  
KD - COMPONENT OF D-KIT  
KF - COMPONENT OF F-KIT  
KFD - COMPONENT OF BOTH F AND D-KIT, STOCK SEPARATELY IN APPROPRIATE  
CLASS IS FOLLOWED BY "P"